Consortium

KOŠICE SELF-GOVERNING REGION
NVAS Slovak National Hydrogen Association
W2H2 KSK
TOMARK PROTON
U. S. Steel Košice
eustream
KOŠICE INTERNATIONAL AIRPORT
PEDAL CONSULTING
A.U.S Advanced Unlimited Systems
H2U
ECUBES Hydrogen & Flexibility
HyEnergy Consultancy
HYDROGEN ARCHITECTS
ARAGON HYDROGEN FOUNDATION
TECHNICAL UNIVERSITY OF KOŠICE
Distribúcia SPP
INDUSTRY INNOVATION CLUSTER
Fraunhofer IML

FOLLOW US
www.eastgateh2v.eu

@eastgateh2v

Co-funded by the European Union under grant agreement No. 101192335. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the Clean Hydrogen Partnership. Neither the European Union nor the granting authority can be held responsible for them

Co-funded by the European Union







EASTGATEH2V

Hydrogen is here.
In the heart of Europe.



Clean Hydrogen Partnership

Hydrogen Valley in the Košice Region

The first integrated Hydrogen Valley in Slovakia is being developed in the Košice region. **EASTGATEH2V connects hydrogen production, distribution, and end-use** into one integrated system.

The project demonstrates how hydrogen can work in real life – in transport, industry, and energy.
It also strengthens **regional energy security** and connects Slovakia to the European hydrogen corridor.

Hydrogen is a clean and flexible energy source. It is produced from renewable sources. It can significantly reduce emissions where it is hardest today.

Project objectives

- Scale up green hydrogen production
- Connect production, distribution, and use
- Decarbonise transport and industry
- Strengthen energy security
- Support innovation and education

EASTGATEH2V: A hydrogen vision for Eastern Europe

EASTGATEH2V is the **first integrated Hydrogen Valley in Eastern Europe.** It brings together **20 partners** from **7 countries**.

The project builds a complete hydrogen ecosystem – from production and storage to real-world applications.

What EASTGATEH2V delivers

- **4 MW capacity** for green hydrogen production
- **Hydrogen-powered mobility**: buses, trucks, boats
- Hydrogen use in **industry** and **innovation**
- Cooperation across **seven** countries, including strategic links with **Ukraine**
- Training the next generation of hydrogen professionals

EASTGATEH2V in numbers

4 MW electrolyzers

20 partners
7 countries

9 million EU funding

2025 – 2031 project duration

5+ training programmes

1 vision accelerate hydrogen transformation in CEE